Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
Data File : BF096437.D
Acq On : 3 Jul 2017 13:24
Operator : SJ/MA
Sample : I3908-07RE 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 03 16:14:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119787	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	488262	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	202496	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	287284	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	201928	20.00	ng	-0.02
86) Perylene-d12	15.27	264	190197	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	175092	21.57	ng	-0.02
7) Phenol-d6	6.35	99	240568	24.11	ng	-0.02
23) Nitrobenzene-d5	7.27	82	128556	15.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	16284	10.29	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	245536	20.73	ng	-0.02
78) Terphenyl-d14	12.82	244	131309	13.90	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	16312	2.74	ng	# 83
25) Isophorone	7.27	82	128231	8.14	ng	# 67
49) Dimethylphthalate	9.47	163	46237	3.06	ng	97
50) 2,6-Dinitrotoluene	9.76	165	26061	7.80	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	26061	6.16	ng	# 32
74) Fluoranthene	12.44	202	33893	2.23	ng	96
87) Benzo(b)fluoranthene	14.87	252	30100	2.53	ng	# 90
88) Benzo(k)fluoranthene	14.87	252	30100	2.82	ng	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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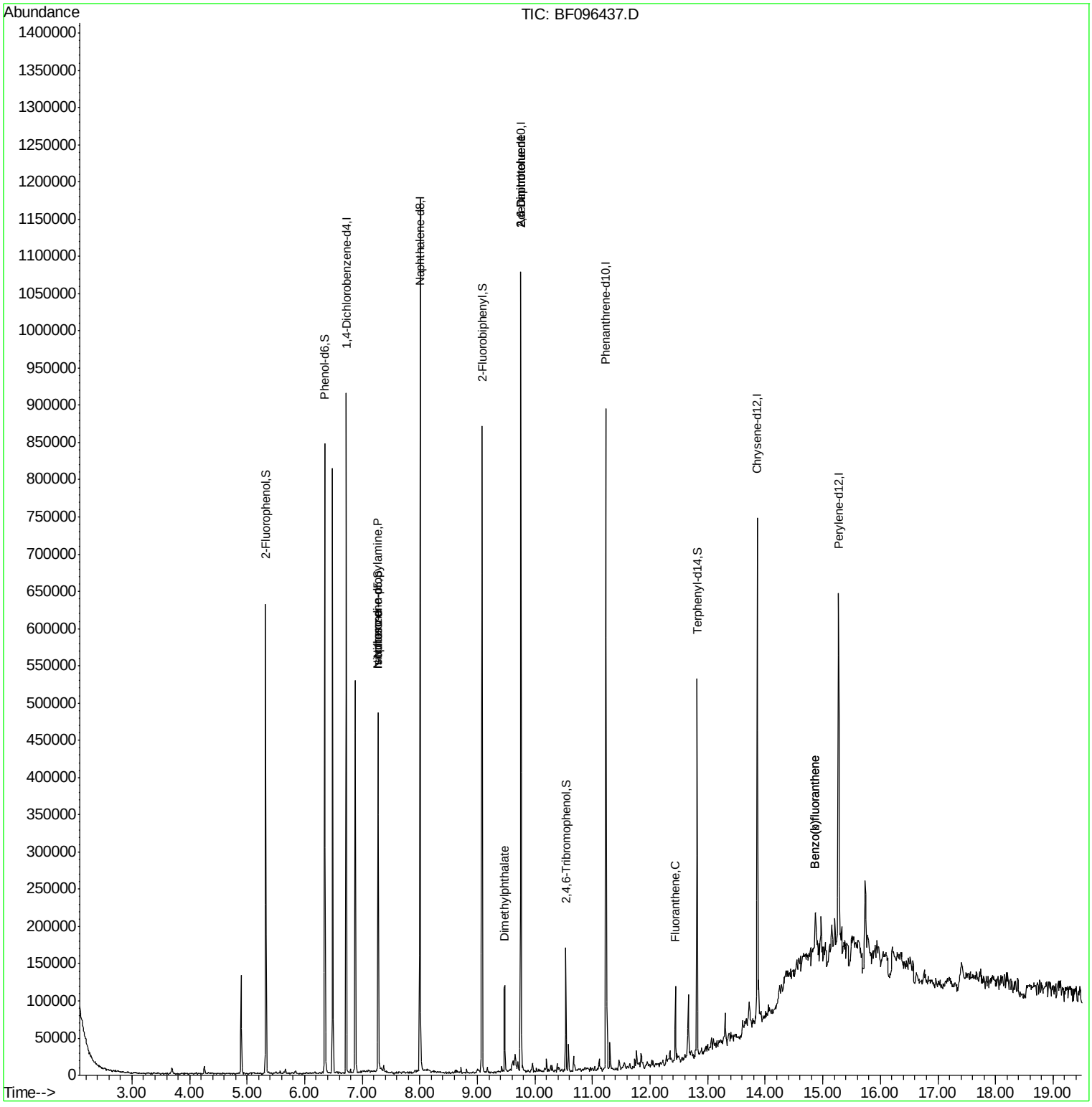
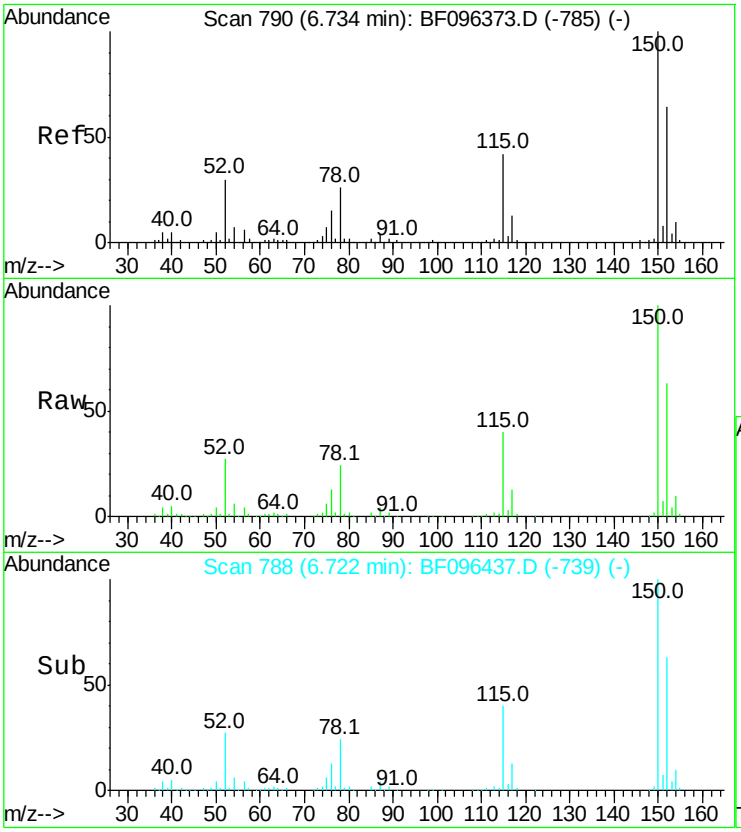


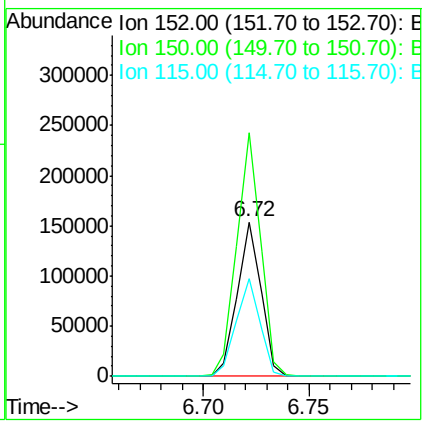


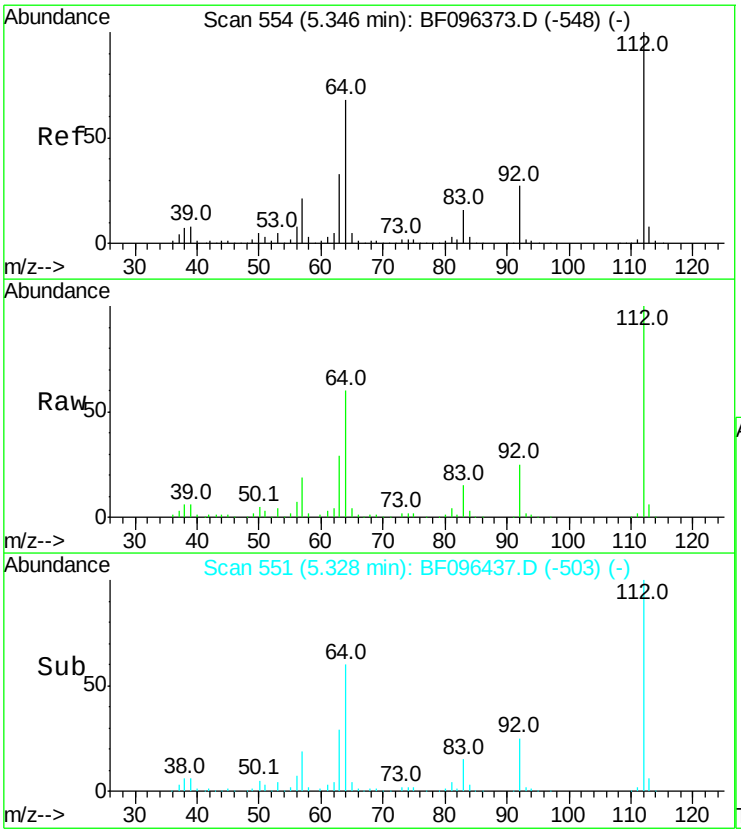
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 119787

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	62.9	52.2	78.2

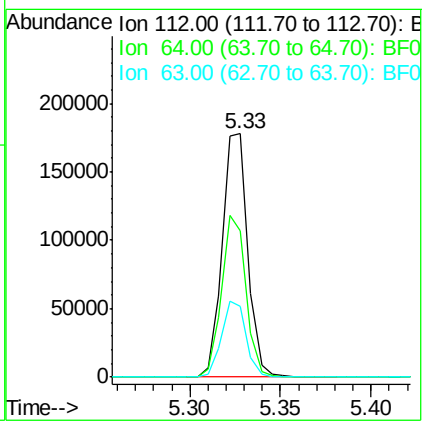


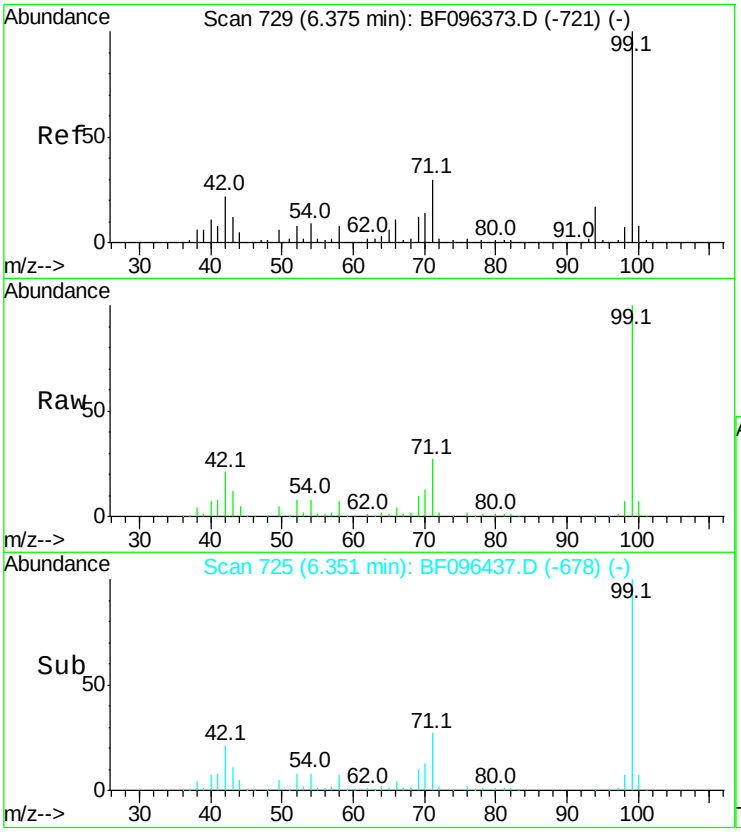


#5
2-Fluorophenol
Concen: 21.57 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:112 Resp: 175092

Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	28.9	23.4	35.0



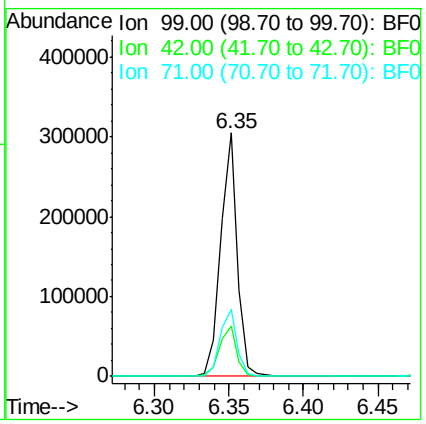


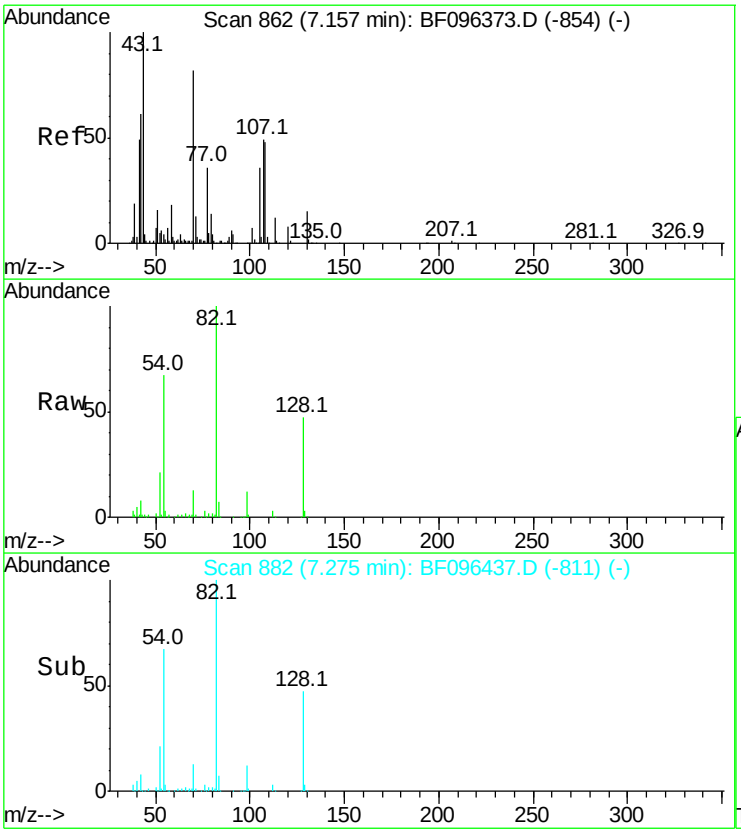
#7
Phenol-d6
Concen: 24.11 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 240568

Ion	Ratio	Lower	Upper
99	100		
42	20.9	13.5	20.3#
71	27.3	24.5	36.7

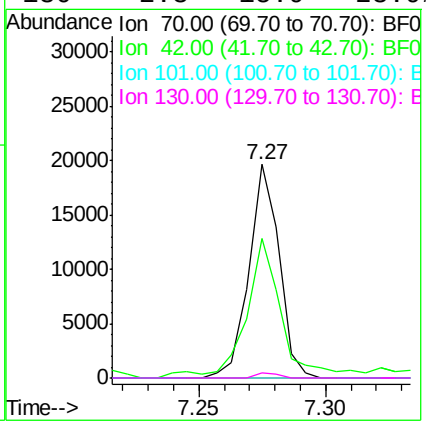


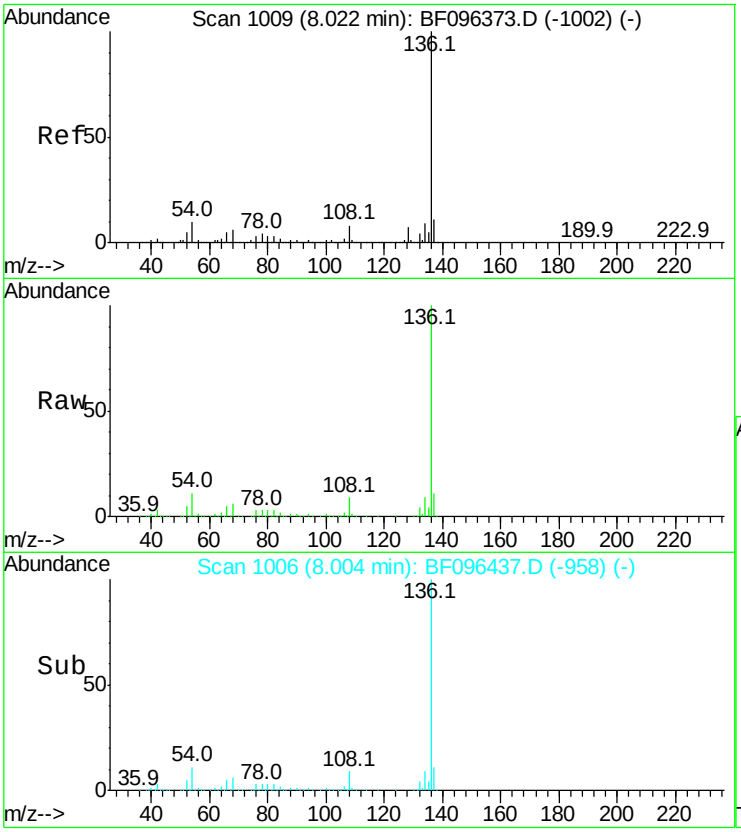


#19
n-Nitroso-di-n-propylamine
Concen: 2.74 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion: 70 Resp: 16312

Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



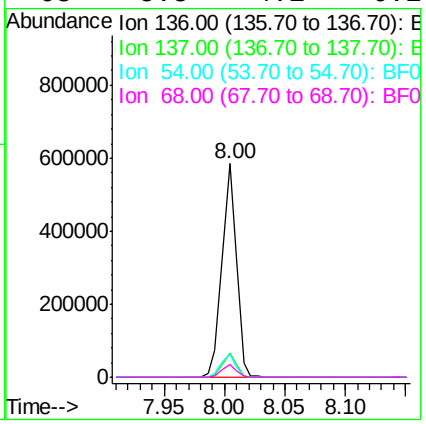


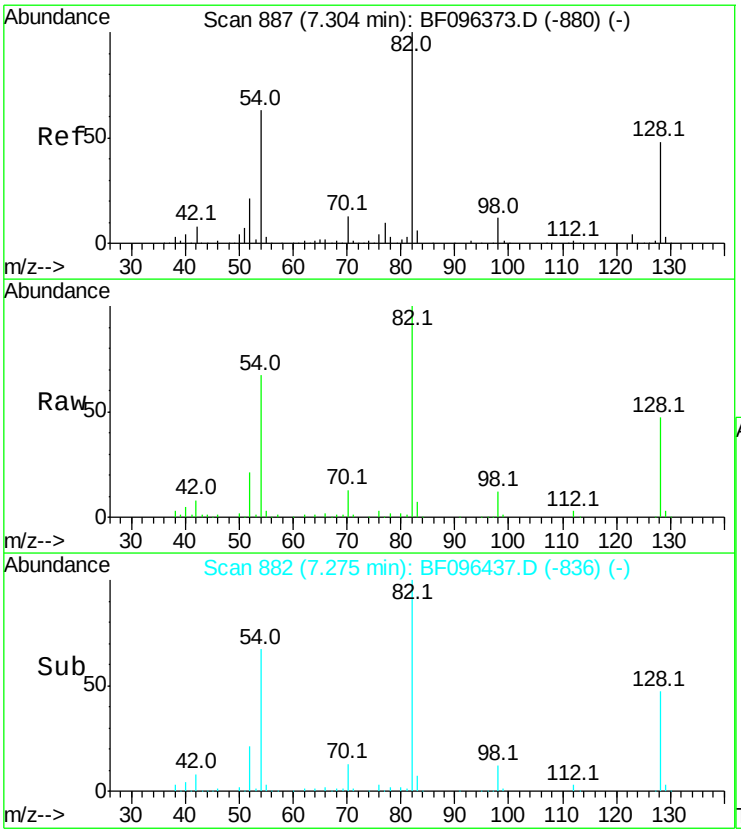
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 488262

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.8	4.9	7.3#
68	5.8	4.1	6.1

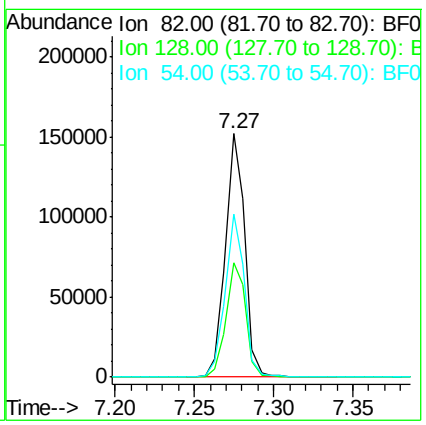


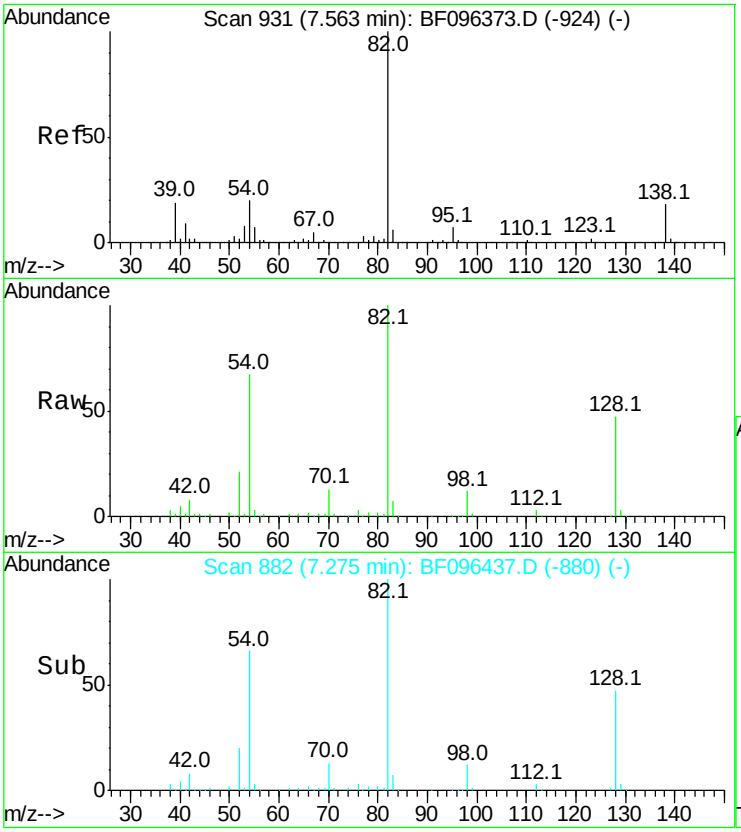


#23
Nitrobenzene-d5
Concen: 15.82 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion: 82 Resp: 128556

Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.0	51.0
54	67.2	42.2	63.2#



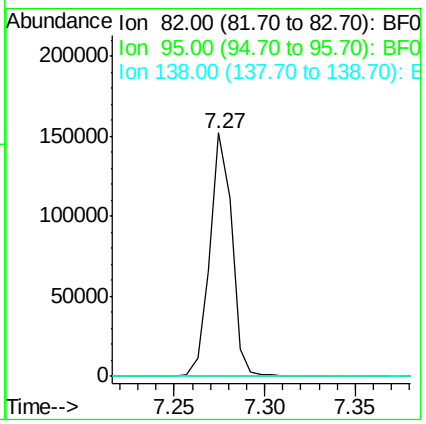


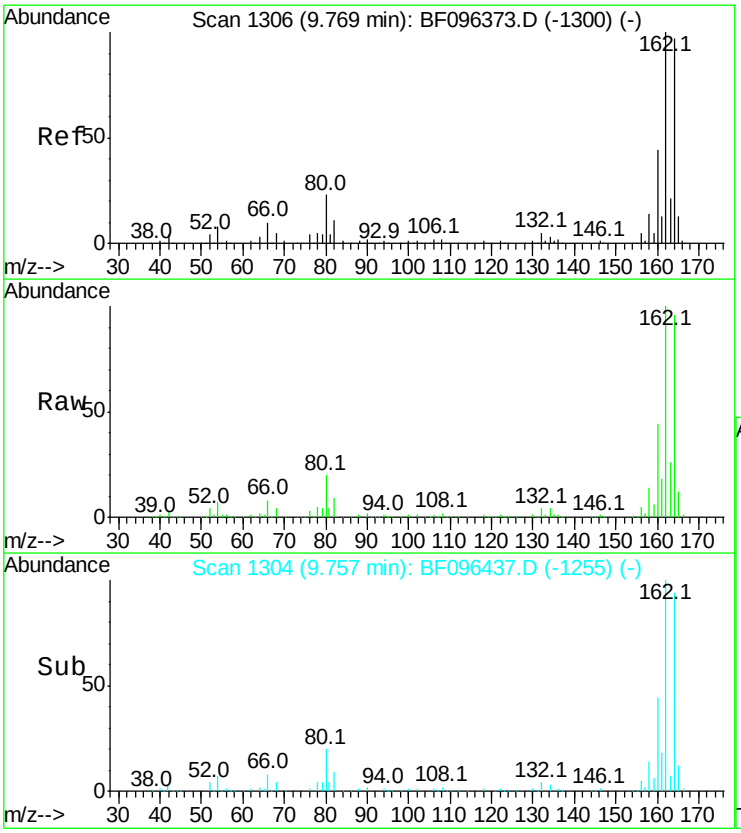
#25
Isophorone
Concen: 8.14 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.29 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 128231

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.3	7.9#
138	0.0	13.1	19.7#

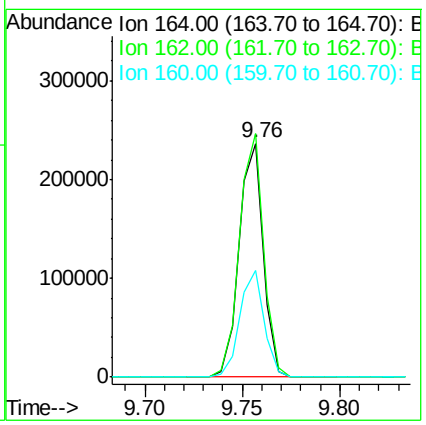


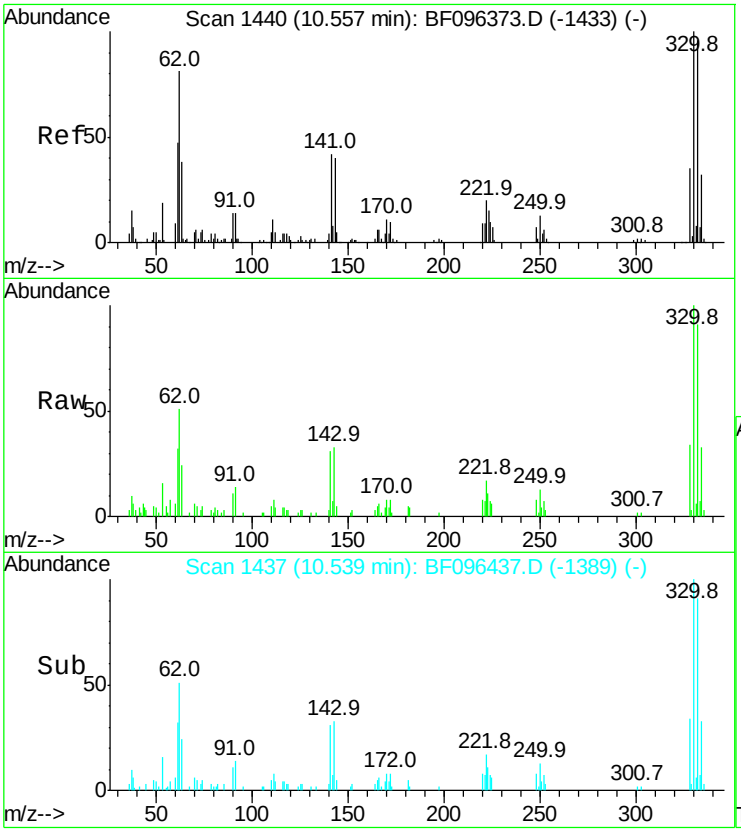


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:164 Resp: 202496

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	45.7	36.2	54.2



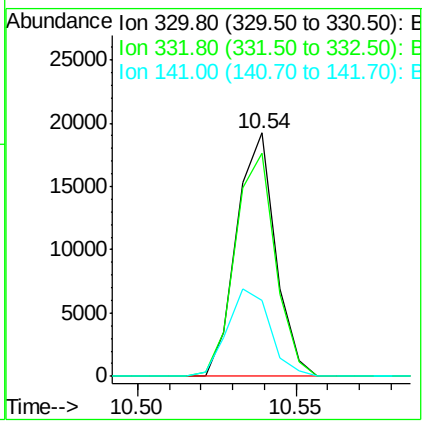


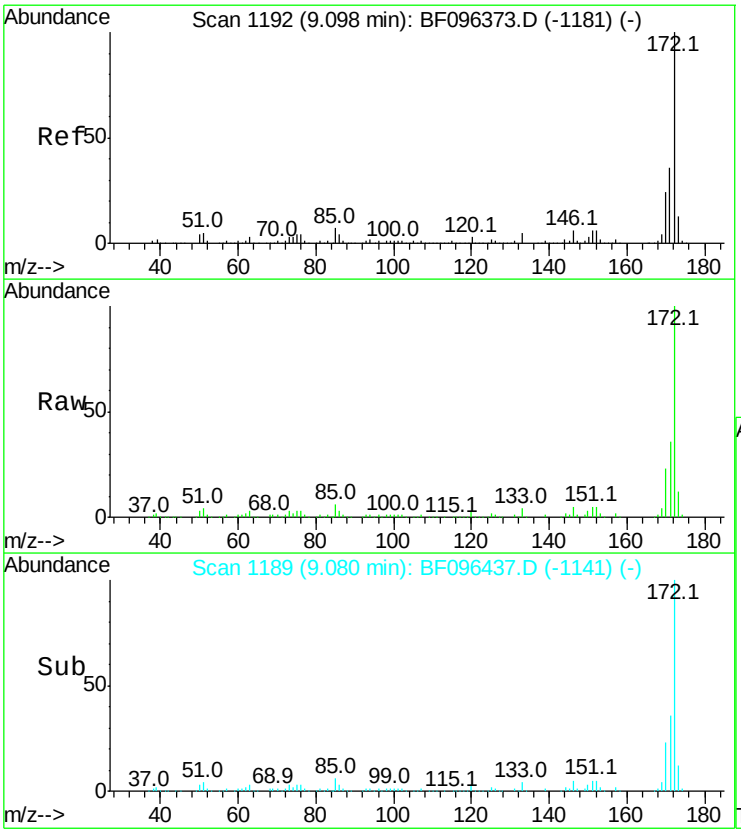
#41
2,4,6-Tribromophenol
Concen: 10.29 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 16284

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	39.2	31.4	47.2

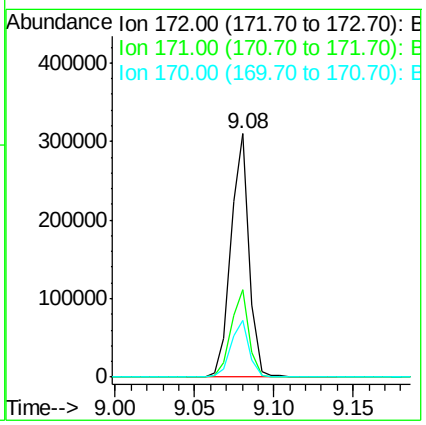


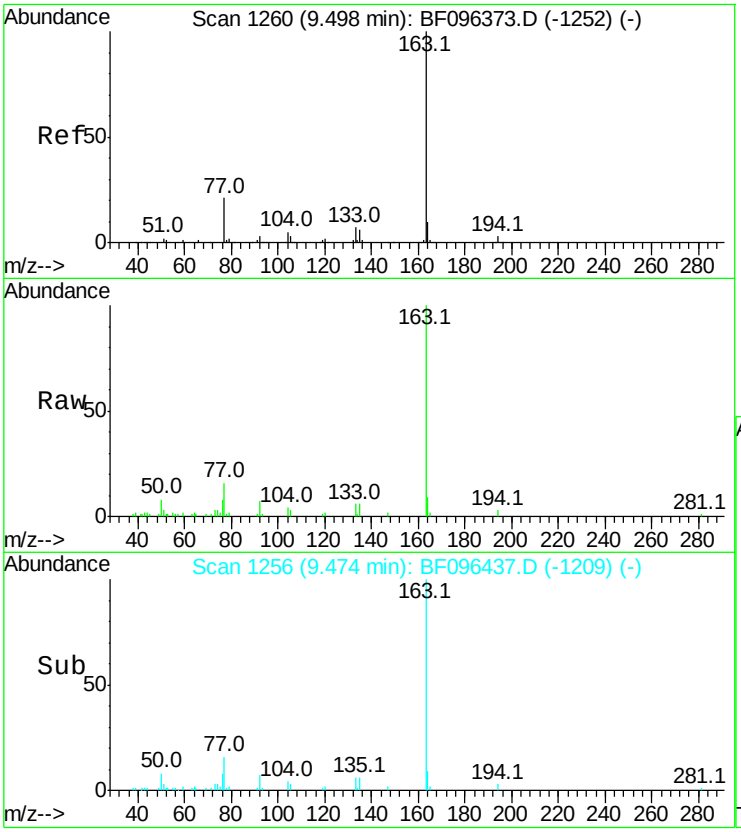


#44
2-Fluorobiphenyl
Concen: 20.73 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:172 Resp: 245536

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.1	19.8	29.8



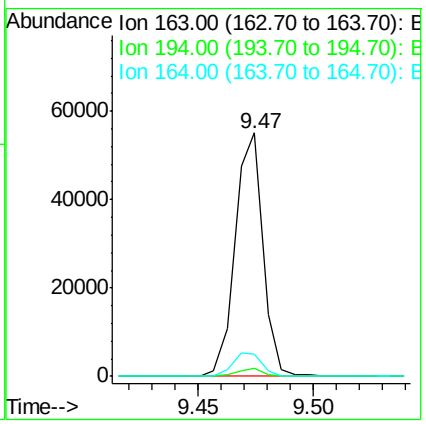


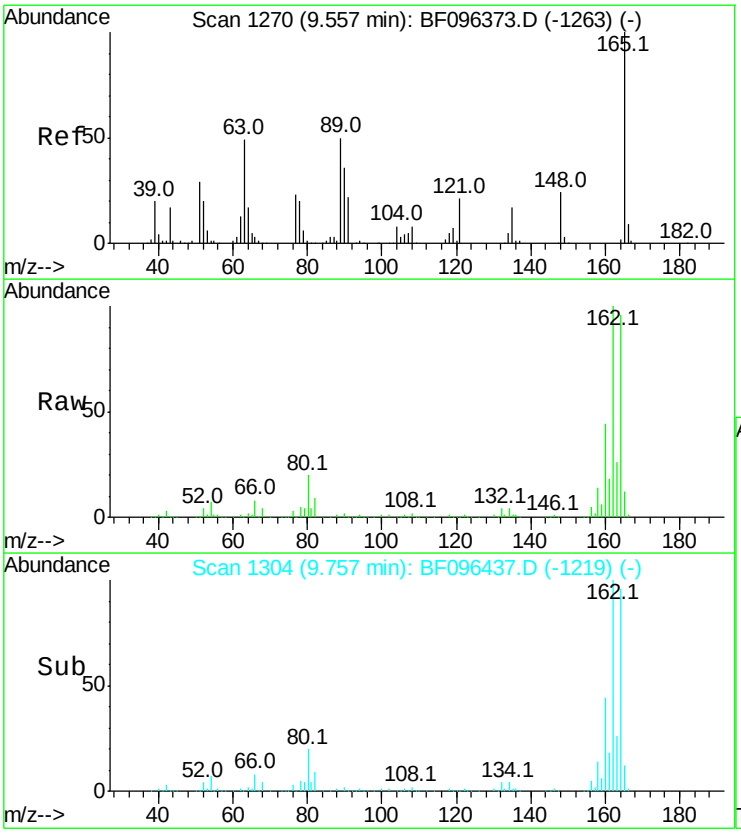
#49
Dimethylphthalate
Concen: 3.06 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 46237

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	8.9	8.4	12.6

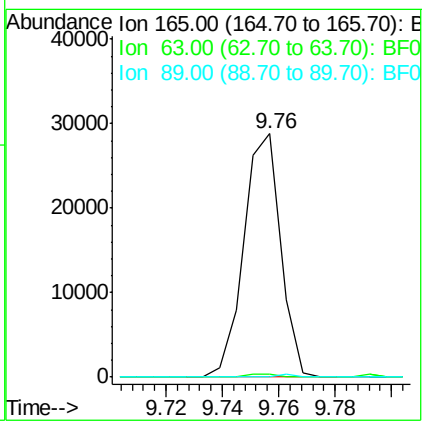


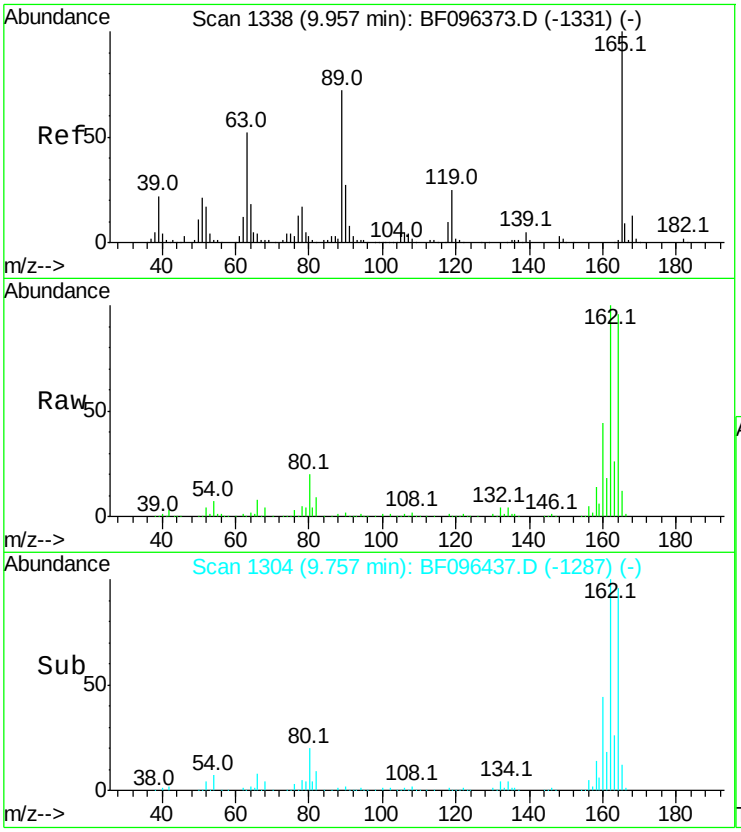


#50
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:165 Resp: 26061

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	0.0	37.1	55.7#



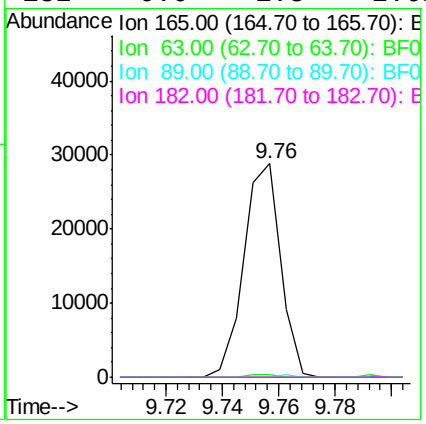


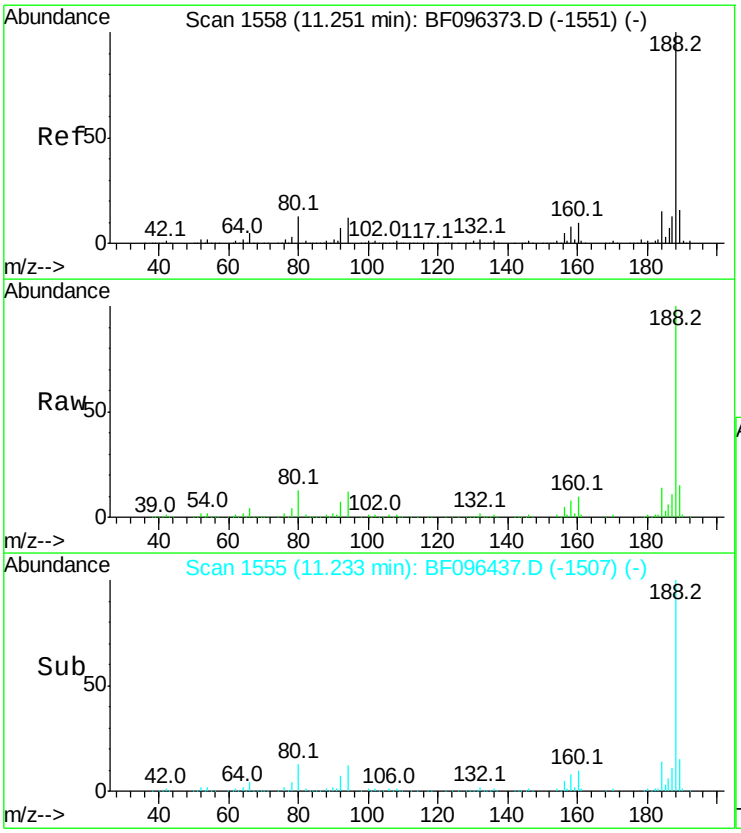
#56
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26061

Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

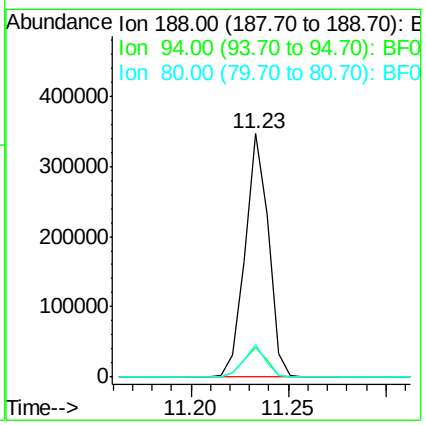


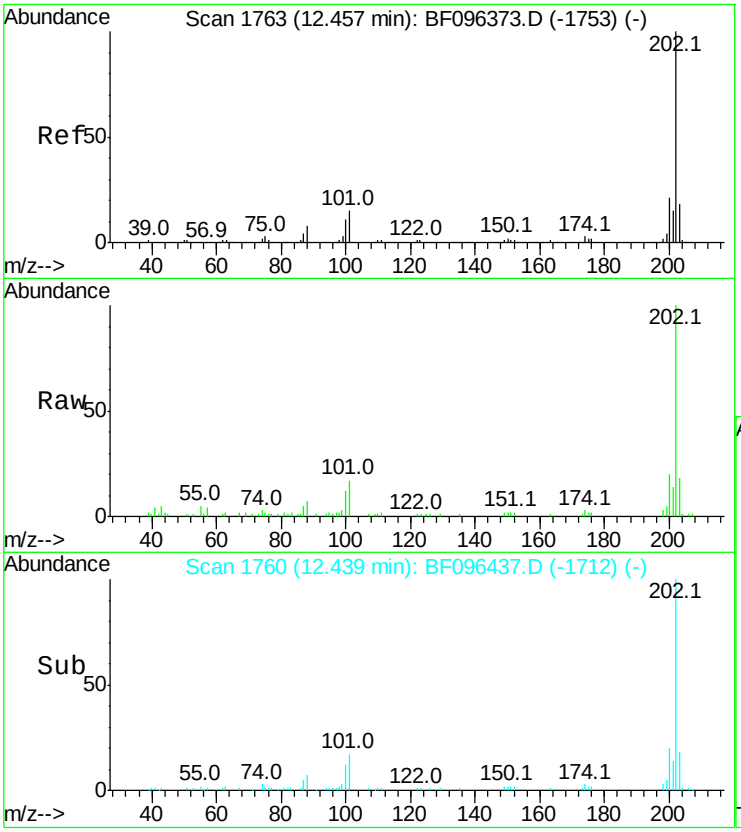


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:188 Resp: 287284

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	13.2	10.2	15.2



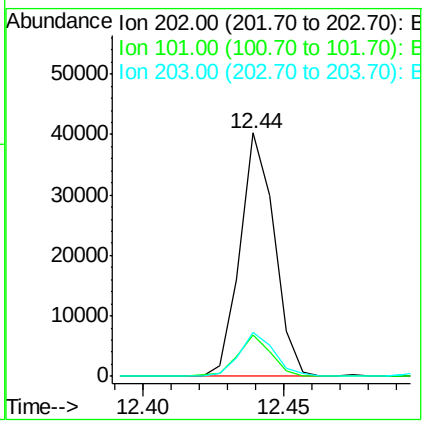


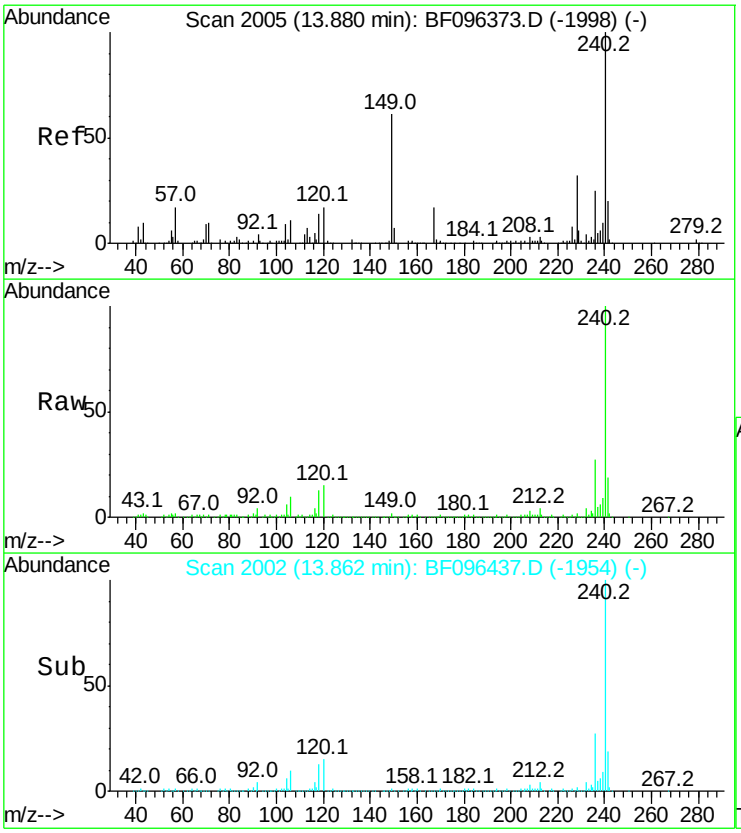
#74
Fluoranthene
Concen: 2.23 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 33893

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	33.2
203	17.9	0.0	38.1

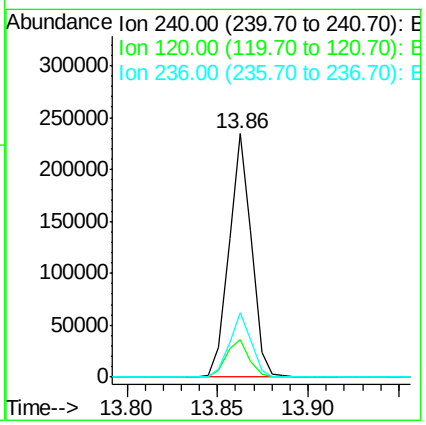


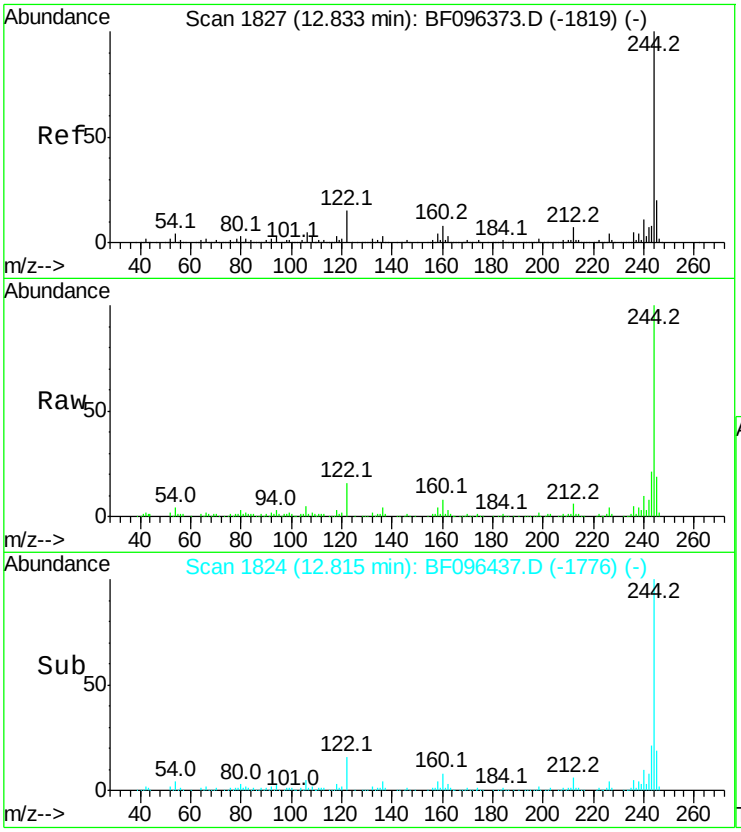


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:240 Resp: 201928

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.7	20.5	30.7



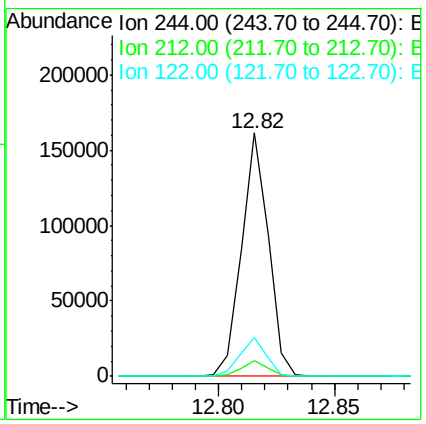


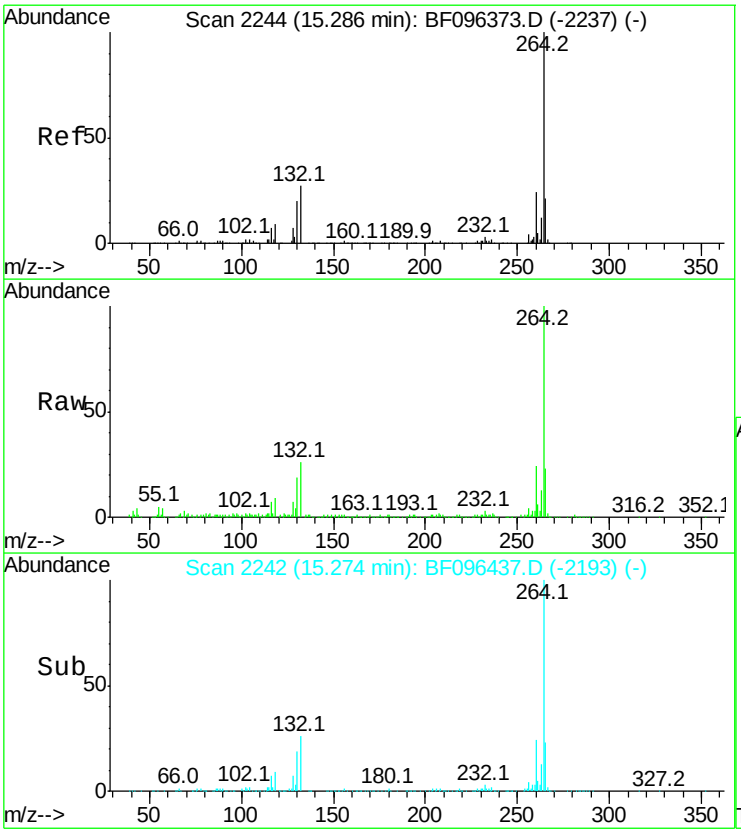
#78
Terphenyl-d14
Concen: 13.90 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 131309

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	15.7	10.3	15.5#

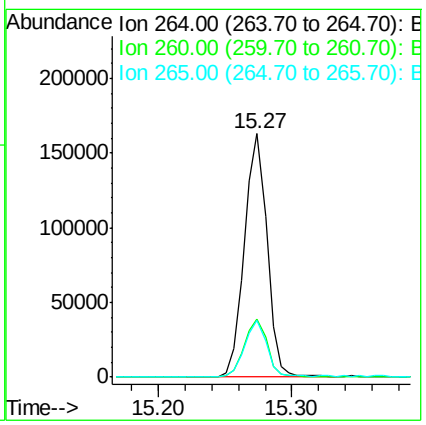


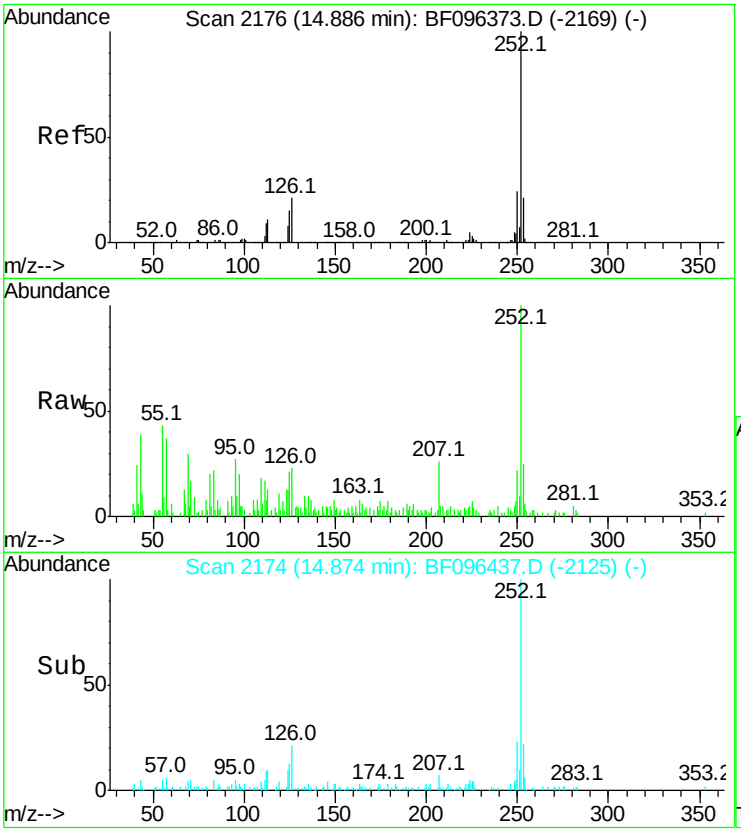


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:264 Resp: 190197

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.1	17.2	25.8



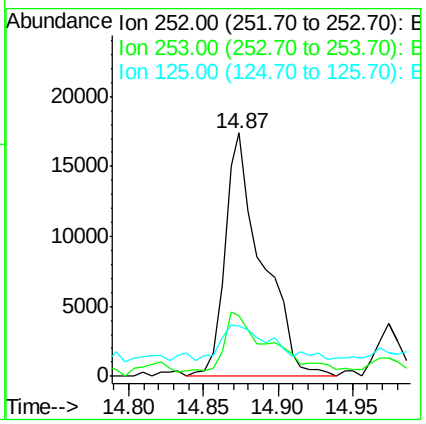


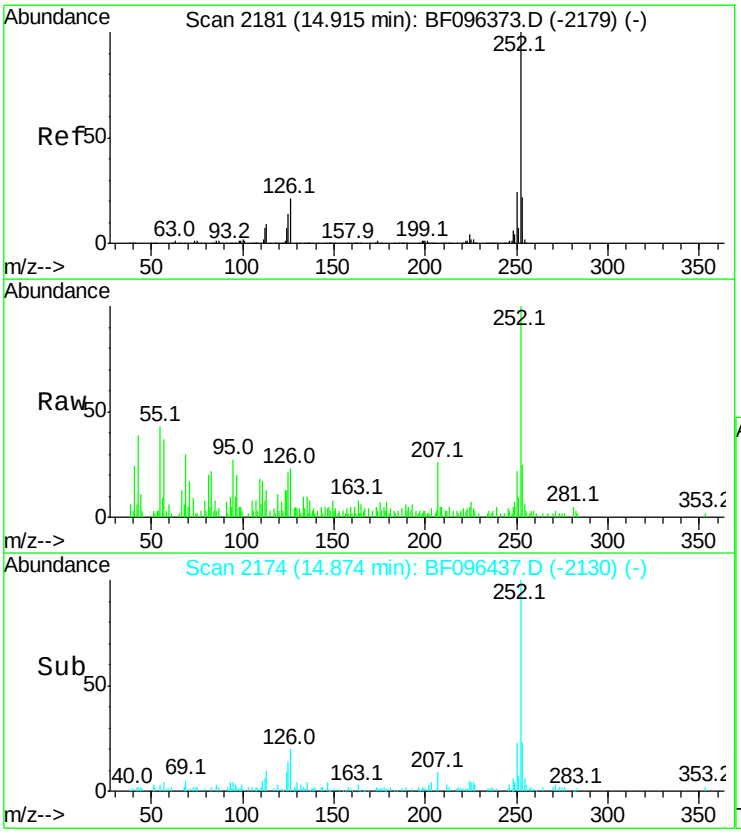
#87
Benzo(b)fluoranthene
Concen: 2.53 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 30100

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	20.5	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 2.82 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion:252 Resp: 30100

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.4	27.6
125	20.5	13.1	19.7#